Index of Claims

| App | licati | on/Co | ntrol | No. |
|-----|--------|-------|-------|-----|
|-----|--------|-------|-------|-----|

10/751,449 Examiner

BRAUNLING ET AL.

Reexamination

Applicant(s)/Patent under

Art Unit

Maureen M. Wallenhorst

1743

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α

0 Objected

| Cla                    | Claim Date |           |              | ]::::    | Claim   |              |                |              | Date     |              |          |                 |          |                     | CI       | aim      | Date    |                |         |         |              |       |       |          |            |          |   |         |        |         |          |          |           |
|------------------------|------------|-----------|--------------|----------|---|--------------|----------------|--------------|----------|--------------|----------|-----------------|----------|---------------------|----------|----------|---------|----------------|---------|---------|--------------|-------|-------|----------|------------|----------|---|---------|--------|---------|----------|----------|-----------|
|                        |            | Ų         |              |          |   | П            | Г              | П            |          |              | 1        |                 | =        |                     |          |          | Т       | T              | Т       | T       | T            | ]     |       | -        |            |          |   |         |        |         |          |          | $\Box$    |
| Final                  | Original   | 70760     |              |          |   |              |                | İ            |          |              |          | Final           | Original | 1 1                 |          |          |         |                |         |         |              |       | Final | Original |            |          |   |         |        |         | ı        | ł        |           |
| it                     | <u>E</u>   | 17        |              |          |   |              |                |              |          |              |          | iĒ              | , E      | H                   |          |          |         |                |         | İ       |              |       | 遭     | Ę        |            |          |   |         |        |         |          | - 1      | ļ         |
|                        | 0          | U         |              |          |   |              |                |              |          |              |          |                 | ١٠       | 1 1                 | - 1      | ı        |         |                |         |         | 1            |       |       | . 0      |            |          |   |         |        |         |          |          |           |
|                        | 1          | V         |              | Γ        |   | 1            | T              | T            | T        | T            | 1        |                 | 51       |                     | $\neg$   | $\neg$   | $\top$  | $\neg$         | Т       |         | 1            |       |       | 101      |            |          |   |         |        |         |          |          | ヿ         |
|                        | 2          | 1         |              |          | T   |              | T              |              |          | T            | 1        |                 | 52       |                     |          |          |         |                |         | T       | 1            |       |       | 102      |            |          |   |         |        |         |          |          | ヿ         |
|                        | 3          | П         | Τ            | Γ        |   | Т            | T              |              | T        | T            | 1        |                 | 53       |                     |          |          |         |                | T       |         |              |       |       | 103      |            |          |   |         |        |         |          | $\neg$   | П         |
|                        | 4          | П         |              |          | Т   | T            | Τ              |              |          |              |          |                 | 54       |                     |          |          |         |                | T       |         |              |       |       | 104      |            |          |   |         |        |         |          | $\neg$   | $\neg$    |
|                        | 5          |           | L            |          |   |              |                |              |          |              | ]:::::   |                 | 55       |                     |          |          |         |                |         |         |              |       |       | 105      |            |          |   |         |        |         |          |          |           |
|                        | 6          |           |              |          |   |              |                |              |          |              |          |                 | 56       |                     |          | $\neg$   |         |                |         |         |              |       |       | 106      |            |          |   |         |        |         |          | $\neg$   | $\neg$    |
| L                      | 7          | П         |              |          |   |              |                | L            |          |              |          |                 | 57       |                     |          |          |         |                |         |         |              |       |       | 107      |            |          |   |         |        |         |          |          |           |
|                        | 8,         | J         | 1_           | L        |   |              |                |              |          |              | ]        |                 | 58       |                     |          |          |         |                |         |         |              |       |       | 108      |            |          |   |         |        |         |          |          |           |
|                        | 8          |           |              |          |   |              |                |              |          |              | ]        |                 | 59       |                     |          |          |         |                |         |         |              |       |       | 109      |            |          |   |         |        |         |          |          |           |
|                        | 10         | <u>دل</u> | Ł            |          |   |              |                |              |          |              |          |                 | 60       |                     |          |          |         |                |         |         |              |       |       | 110      |            |          |   |         |        |         |          |          |           |
|                        | 11         | 1         |              |          |   |              |                |              |          |              | ]        |                 | 61       |                     |          |          | $\perp$ |                |         |         |              |       |       | 111      |            |          | _ |         |        |         |          |          |           |
|                        | 12         | 1         | <u>_</u>     | Ĺ        |   |              |                |              |          |              | 1        |                 | 62       |                     |          |          |         | $\perp \Gamma$ |         |         |              |       |       | 112      |            |          |   |         |        |         |          |          |           |
|                        | 13         | Ц         |              |          |   |              |                |              |          |              | ]        |                 | 63       |                     |          |          | $\perp$ | Ι              |         | $\perp$ |              |       |       | 113      |            |          |   |         |        |         |          |          |           |
|                        | 14         | Щ         |              |          |   |              |                |              |          |              | <b>J</b> |                 | 64       |                     |          | $\Box$   | $\perp$ | $\Box$         |         | $\perp$ |              |       |       | 114      |            |          |   |         |        |         |          |          | $\Box$    |
|                        | 15         | Ц         | L            | L        | L   | 1_           |                | $\perp$      |          |              | 1        |                 | 65       |                     | $\Box$   | $\perp$  |         | $\perp$        |         |         |              |       |       | 115      |            |          |   |         |        |         |          |          |           |
|                        | 16         | Ш         | 1            | L        |   |              | <u></u>        | $\perp$      |          |              |          |                 | 66       |                     |          | $\Box$   |         |                |         |         |              |       |       | 116      |            | $\Box$   |   |         |        |         | $\Box$   |          |           |
|                        | 17         | Ц         |              | L        |   | _            |                |              |          |              |          |                 | 67       |                     | $\Box$   | $\perp$  | $\perp$ | $\perp$        |         |         |              |       |       | 117      |            | $\Box$   |   |         |        |         |          |          |           |
|                        | 18         | V         | Ŀ            |          | _   | _            |                |              |          |              |          |                 | 68       |                     |          |          |         |                |         |         |              |       |       | 118      |            |          |   |         |        |         |          | $\Box$   |           |
|                        | 19         | _         |              |          | L   |              |                |              |          |              |          |                 | 69       |                     |          |          |         |                |         |         |              |       |       | 119      |            |          |   |         |        |         |          | $\Box$   |           |
|                        | 20         |           |              |          |   |              |                | L            | ŀ        |              |          |                 | 70       |                     |          |          |         |                |         |         |              |       |       | 120      |            |          |   |         |        |         |          |          |           |
|                        | 21         |           |              | <u> </u> |   |              |                |              |          |              |          |                 | 71       |                     |          |          |         |                |         |         |              |       |       | 121      |            |          |   |         |        |         |          |          |           |
|                        | 22         |           |              |          | L   |              |                |              |          |              |          |                 | 72       |                     |          |          |         |                |         |         |              |       |       | 122      |            |          |   |         |        |         |          | $\neg$   | $\neg$    |
|                        | 23         |           |              |          |   |              |                |              |          |              |          |                 | 73       |                     |          |          |         |                |         |         |              |       |       | 123      |            |          |   |         |        |         |          | $\neg$   | $\neg$    |
|                        | 24         |           |              | L        |   |              |                |              |          |              |          |                 | 74       |                     |          |          |         |                |         |         |              |       |       | 124      |            |          |   |         |        |         | $\neg$   | $\Box$   | ٦         |
|                        | 25         |           |              |          |   |              |                |              | _        |              |          |                 | 75       |                     |          |          |         |                |         |         |              |       |       | 125      |            |          |   |         |        |         |          | $\Box$   |           |
|                        | 26         |           |              |          |   |              |                |              | _        |              |          |                 | 76       |                     |          |          |         |                |         |         |              |       |       | 126      |            |          |   |         |        |         | $\Box$   |          |           |
|                        | 27         |           | ┖            |          | $\perp$   |              |                |              | ┸        | $oxed{oxed}$ |          |                 | 77       |                     |          |          |         |                | $\perp$ |         |              |       |       | 127      |            |          |   |         |        |         |          |          |           |
| $oxed{oxed}$           | 28         |           | Ŀ            |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | <u> </u>     | L              | _            | ┸        |              |          |                 | 78       |                     |          | $\perp$  |         |                |         |         |              |       |       | 128      |            |          |   |         |        |         |          |          |           |
|                        | 29         |           |              |          |   | <u> </u>     |                | _            | _        |              |          |                 | 79       |                     |          | $\perp$  |         |                |         |         |              |       |       | 129      |            |          |   |         |        |         |          |          |           |
|                        | 30         | _         | <u> </u>     |          | <u> </u>  | <u> </u>     | <u> </u>       | ↓_           | _        |              |          |                 | 80       |                     |          |          |         |                |         |         |              |       |       | 130      |            |          |   |         |        |         |          | $\Box$   |           |
|                        | 31         | Ŀ         | $\perp$      |          | $\perp$   | <u> </u>     | 1_             | _            | _        | _            |          |                 | 81       |                     | [        |          |         |                |         |         |              |       |       | 131      |            |          |   | $\Box$  |        |         |          | $\Box$   |           |
| $\Box$                 | 32         | _         | 1            |          | <u>L</u>  | <u> </u>     | <u>Ļ</u>       | _            |          | _            | liiii    |                 | 82       | Ш                   | $\perp$  | $\perp$  | $\perp$ | _              | _       |         | $oxed{oxed}$ |       |       | 132      |            |          |   | $\Box$  |        | $\Box$  | $\Box$   | $\Box$   |           |
| <u> </u>               | 33         | _         | ↓_           | L_       | <u> </u>  | _            | 1              | _            | 1        | <u> </u>     |          |                 | 83       | Щ                   | _        | _ _      |         | _              | _       | _       | $\perp$      |       |       | 133      |            |          |   |         |        |         | _[       | _[       |           |
| igsquare               | 34         | <u> </u>  | <del> </del> | _        | ↓_  | 1            | ↓_             | ↓_           | 1_       | <u> </u>     |          |                 | 84       | Щ                   | _        | _        | $\perp$ | $\perp$        | $\perp$ | 1_      | _            |       |       | 134      |            |          | _ |         | 1      | $\perp$ |          | [        | $\Box$    |
| <u> </u>               | 35         | _         | 1            | _        | 1_  | -            | ↓_             | <u> </u>     | $\perp$  | 1            |          |                 | 85       | $\sqcup$            |          |          | $\perp$ |                |         | $\perp$ |              |       |       | 135      |            | $\perp$  |   |         |        |         | _        |          | _         |
|                        | 36         | _         | 1            |          | <u> </u>  | 1_           | <del> </del> _ | _            | $\perp$  | _            |          |                 | 86       | $\sqcup \downarrow$ | $\dashv$ | _        | $\perp$ | _ _            |         | 1       |              |       |       | 136      |            | _        |   |         |        |         |          |          | _         |
| <b></b>                | 37         | _         | 1            |          | ↓_  | _            | <del> </del> _ | ↓_           | 1        | <del> </del> |          |                 | 87       | $\sqcup$            | 4        | $\perp$  | _       |                | _       | _       | $\perp$      |       |       | 137      |            |          |   |         |        |         |          |          | _         |
| <b>  </b>              | 38         | _         | 1            |          | 1_  | 1_           | ↓_             | <del> </del> | ↓_       | $\vdash$     |          | $\sqcup \sqcup$ | 88       | $\sqcup$            | _        | $\perp$  | $\perp$ | _              | _       | _       | $\perp$      |       |       | 138      |            | $\dashv$ | _ |         | $\Box$ |         | $\perp$  | [        | _         |
|                        | 39         | _         | _            |          | ــــــ  | $\vdash$     | _              | _            | _        | ↓_           |          | igsqcut         | 89       | $\sqcup$            | _        | _        | 4       | 4              | 4       | 1       | <u> </u>     |       |       | 139      |            | _        |   |         | _      |         | $\perp$  |          | Ц         |
| $oxed{oxed}$           | 40         | _         | <del> </del> |          | <del> </del>  | _            | 1              | $\vdash$     | $\perp$  | 1            |          |                 | 90       | $\sqcup$            | _        | _        | 4       | $\perp$        | $\perp$ | 1       | $\vdash$     |       |       | 140      | Щ          | _        |   |         | _      |         | _        |          |           |
| $oxed{oxed}$           | 41         | $\vdash$  | ⊢            |          | $\vdash$  | -            | <del> </del>   | ╀            | +-       | 1            |          |                 | 91       | $\sqcup$            | 4        | 4        | 4       | $\bot$         | $\perp$ | $\perp$ | $\vdash$     |       |       | 141      |            | _        | _ | _       | _      |         | $\perp$  | _        | $\perp$   |
|                        | 42         | _         | <u> </u>     |          | <del> </del>  | -            | _              | _            | +        | 1            |          |                 | 92       | $\sqcup$            | _        | $\dashv$ | _       | _ _            | _       | 4       | igspace      |       |       | 142      |            | _        |   |         |        |         | $\perp$  | $\dashv$ | $\perp$   |
| $\vdash \vdash \vdash$ | 43         | Ļ         | ـ            |          | <b> </b>  | ـ            | ऻ              | 1            | 1        | $\vdash$     |          |                 | 93       | $\sqcup \downarrow$ | $\dashv$ | $\dashv$ | $\bot$  | 4              | 4       | 4       | 1            |       |       | 143      | _          | ļ        |   | _       |        |         | $\dashv$ |          |           |
| $\vdash$               | 44         | $\vdash$  | -            |          | -   | ├-           | <u> </u>       | <u> </u>     | 1        | _            |          |                 | 94       | $\vdash$            | 4        | +        | +       | +              | 4       | +       | <u> </u>     |       |       | 144      | _          | _        | ļ | _       | _      | _       | _        | _        | _         |
|                        | 45         |           | ├-           |          | <del> </del>  |              | ├-             | ـ            | +        |              |          |                 | 95       |                     | -        | _        | $\perp$ | 4              | +       | $\bot$  | <del> </del> |       |       | 145      | _          | _        | _ | _       | _      | _       | $\dashv$ | $\dashv$ | $\exists$ |
|                        | 46         | <u> </u>  | <del> </del> | _        |   | <u> </u>     | <del> </del>   | ₽-           | $\vdash$ | ├-           |          |                 | 96       | $\dashv$            |          | 4        | _       | _              | 4       | 4       | $\vdash$     |       |       | 146      | _          | _        | _ | _       | _      |         | _        | _        | _         |
| <b>  </b>              | 47         | <u> </u>  | -            | _        | -   | <del> </del> | <u> </u>       | ⊢            | ╁        | <del> </del> |          | $\vdash$        | 97       | $\dashv$            | $\perp$  | $\bot$   | _       | 4              | 1       | 4_      | $\sqcup$     |       |       | 147      | _          | _        | _ | _       |        | _       | 4        |          | Ц         |
|                        | 48         | <u> </u>  | -            |          | <del> </del>  | ₩            | <u> </u>       | ⊢            | 1        | <b> </b>     |          | $oxed{oxed}$    | 98       | $\dashv$            | _        | $\perp$  | _       | 4              | $\bot$  | 4_      | $\sqcup$     |       |       | 148      |            | _        |   | $\perp$ |        | _       | $\perp$  | $\dashv$ | _         |
|                        | 49         | <u> </u>  | <del> </del> |          | ├-  | _            | $\vdash$       | $\vdash$     | -        | _            |          |                 | 99       | $\sqcup$            | _        | 4        | $\bot$  | $\bot$         | $\bot$  | +       | $\sqcup$     | 1     |       | 149      | _          | _        |   | _       | _      | _       | $\dashv$ | _        | $\Box$    |
|                        | 50         | <u> </u>  | <u> </u>     |          | <u> </u>  |              |                |              |          |              |          |                 | 100      |                     |          |          | _L      |                |         |         | ┸            | ::::[ |       | 150      | $_{\perp}$ |          |   |         | l      |         | 丄        | 丄        |           |